

CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/077103 A2

(51) International Patent Classification: **Not classified**

(21) International Application Number:
PCT/US2005/004408

(22) International Filing Date: 14 February 2005 (14.02.2005)

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
60/544,410 12 February 2004 (12.02.2004) US

(71) Applicant (for all designated States except US): **REGENTS OF THE UNIVERSITY OF COLORADO** [US/US]; 4001 Discovery Drive, Boulder, CO 80309 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TRIPET, Brian** [CA/US]; 955 Eudora Street, Apt. #506E, Denver, CO 80220 (US). **HODGES, Robert S.** [CA/US]; 6881 East 12th Avenue, Denver, CO 80220 (US).

(74) Agents: **PENNER, Steven J.** et al.; **GREENLEE, WINNER AND SULLIVAN, P.C.**, 4875 Pearl East Circle, Suite 200, Boulder, CO 80301 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

(48) Date of publication of this corrected version:

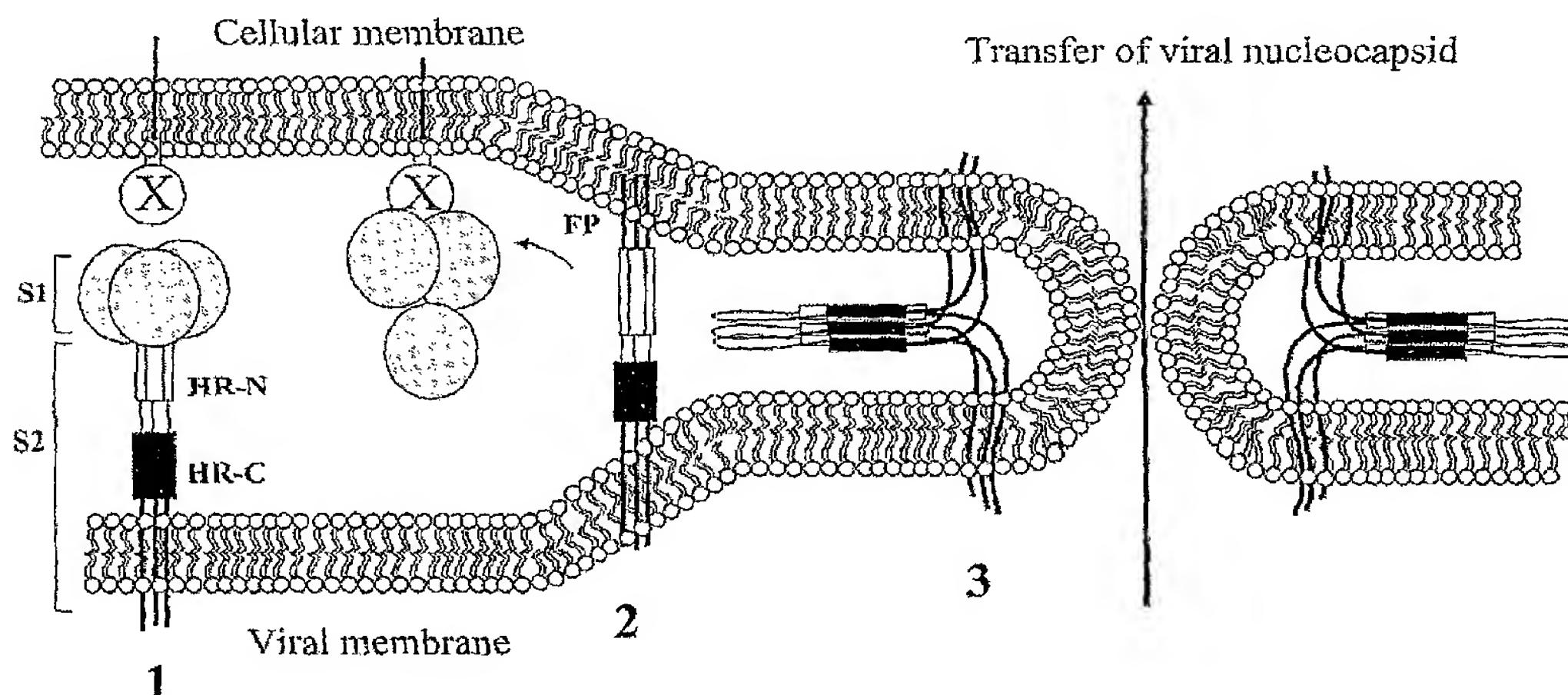
13 October 2005

(15) Information about Correction:

see PCT Gazette No. 41/2005 of 13 October 2005, Section II

[Continued on next page]

(54) Title: COMPOSITIONS AND METHODS FOR MODIFICATION AND PREVENTION OF SARS CORONAVIRUS INFECTIVITY



(57) Abstract: The invention relates to diseases of coronaviruses, particularly severe acute respiratory syndrome (SARS). Compositions and methods in connection with peptide-based compounds are described relating to inhibition or prevention of coronavirus activity including that of SARS coronavirus and the ability of its S protein to achieve fusion with and entry into a target cell.

WO 2005/077103 A2



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.